

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1635	((aluminum or germanium) with (boron or lithium or magnesium or sodium or potassium)) same (hydrogen with (stor\$5 or sorb\$5 or adsorb\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/09 11:58
S2	37	((aluminum or germanium) with (boron or lithium or magnesium or sodium or potassium)) same (hydrogen with (stor\$5 or sorb\$5 or adsorb\$5)) and 423/648.1-658.3.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/08 17:35
S3	377	((aluminum or germanium) with (boron or lithium or magnesium or sodium or potassium)) and 423/648.1-658.3.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/09 12:38
S4	101	zhao-ji-cheng.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/09 11:58
S5	9	zhao-ji-cheng.in. and hydrogen	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/09 11:58
S6	3943	((aluminum or germanium) with (boron or lithium or magnesium or sodium or potassium)) and "420"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/09 12:39
S7	309	((((aluminum or germanium) with (boron or lithium or magnesium or sodium or potassium)) same hydrogen) and "420"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/29 17:26
S8	727	(((((aluminum or "Al") or ("Ge" or germanium)) with (("B" or boron) or ("Li" or lithium) or ("Mg" or magnesium) or ("Na" or sodium) or ("K" or potassium)))) same hydrogen) and "420"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/29 17:05
S9	418	S8 not S7	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/09 13:06
S10	486	(((((aluminum or "Al") or ("Ge" or germanium)) with ( ("Li" or lithium) or ("Mg" or magnesium) or ("Na" or sodium) or ("K" or potassium)))) same hydrogen) and "420"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/09 13:11

## EAST Search History

S11	237	S10 not S7	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/09 13:11
S12	472151	((lithium or "Li") or (Sodium or "Na") or (Potassium or "K") or (Aluminum or "Al") or (Magnesium or "Mg") or (calcium or "Ca")) with ((Silicon or "Si"))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/13 11:21
S13	1009	((lithium or "Li") or (Sodium or "Na") or (Potassium or "K") or (Aluminum or "Al") or (Magnesium or "Mg") or (calcium or "Ca")) with ((Silicon or "Si"))) same (hydrogen with (sorb\$5 or adsorb\$5 or stor\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/13 11:22
S14	125	((lithium or "Li") or (Sodium or "Na") or (Potassium or "K") or (Aluminum or "Al") or (Magnesium or "Mg") or (calcium or "Ca")) with ((Silicon or "Si"))) same (hydrogen with (sorb\$5 or adsorb\$5 or stor\$5)) and "423"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/13 13:16
S15	1967	((lithium or "Li") or (Sodium or "Na") or (Potassium or "K") or (Aluminum or "Al") or (Magnesium or "Mg") or (calcium or "Ca")) with ((Silicon or "Si"))) same (hydrogen ) and "423"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/13 13:17
S16	195	((lithium or "Li") or (Sodium or "Na") or (Potassium or "K") or (Aluminum or "Al") or (Magnesium or "Mg") or (calcium or "Ca")) with ((Silicon or "Si"))) same (hydrogen ) and "423"/644-658.3.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/13 13:29
S17	65	((lithium or "Li") or (Sodium or "Na") or (Potassium or "K")) with ((Silicon or "Si"))) same (hydrogen ) and "423"/644-658.3.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/13 13:46
S18	8018	((lithium or "Li") or (Sodium or "Na") or (Potassium or "K")) with ((Silicon or "Si"))) same (hydrogen )	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/13 13:47
S19	116	((lithium or "Li") or (Sodium or "Na") or (Potassium or "K")) with ((Silicon or "Si")) and 423/644-658.3.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/13 14:01

## EAST Search History

S20	71	((lithium or "Li" ) with ((Silicon or "Si")) and 423/644-658.3.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/13 14:19
S21	21319	((lithium or "Li" ) near4 ((Silicon or "Si"))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/13 14:19
S22	11165	((lithium or "Li" ) near2 ((Silicon or "Si"))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/13 14:20
S23	1400	((lithium or "Li" ) near2 ((Silicon or "Si")) and hydrogen	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/13 14:20
S24	100	((lithium or "Li" ) near2 ((Silicon or "Si")) and hydrogen and "428"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/13 14:23
S25	4	((lithium or "Li" ) with ((Silicon or "Si")) same (hydrogen with (stor\$5 or sorb\$5 or adsorb\$5))and "428"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/13 14:26
S26	92	((lithium or "Li" ) with ((Silicon or "Si")) same (hydrogen with (stor\$5 or sorb\$5 or adsorb\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/13 17:55
S27	142	((sodium or "Na" ) with ((Silicon or "Si")) same (hydrogen with (stor\$5 or sorb\$5 or adsorb\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/13 17:56
S28	92	((lithium or "Li" ) with ((Silicon or "Si")) same (hydrogen with (stor\$5 or sorb\$5 or adsorb\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/13 17:56
S29	109	S27 not S28	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/13 17:56
S30	2	"aluminum carbide" same (hydrogen with (stor\$5 or sorb\$5 or adsorb\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/14 10:27
S31	1382	((Aluminum or "Al" ) with (Carbon or "C")) same (hydrogen with (stor\$5 or sorb\$5 or adsorb\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/14 10:29

## EAST Search History

S32	58	((Aluminum or "Al") with (Carbon or "C")) same (hydrogen with (stor\$5 or sorb\$5 or adsorb\$5)) and 423/644-658.3.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/14 12:19
S33	7	((potassium or "K") with (silicon or "Si")) same (hydrogen with (stor\$5 or sorb\$5 or adsorb\$5)) and 423/644-658.3.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/14 12:45
S34	4	lemon-john	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/14 12:45
S35	4	lemon-john.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/14 14:19
S36	3	"6834508"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/14 14:20
S37	8	"6030724"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/14 14:20
S38	1880	((Zirconium or "Zr") or (Titanium or "Ti") or (Aluminum or "Al")) with ((Carbon or "C")) same (hydrogen with (stor\$5 or sorb\$5 or adsorb\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/14 14:47
S39	99	((Zirconium or "Zr") or (Titanium or "Ti") or (Aluminum or "Al")) with ((Carbon or "C")) same (hydrogen with (stor\$5 or sorb\$5 or adsorb\$5)) and 423/644-658.3.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/14 14:47
S40	53	"4285732"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/20 16:08
S41	49	"4285732"	USPAT	OR	ON	2006/03/20 16:08
S42	1	"4285732".pn.	USPAT	OR	ON	2006/03/20 16:08
S43	303	((germanium or "Ge") with ((potassium or "K") or (sodium or "Na"))) same (hydrogen with (generat\$4 or produc\$4 or obtain\$4 or procur\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/29 17:40
S44	9	423/648.1-658.3.ccls. and (((germanium or "Ge") with ((potassium or "K") or (sodium or "Na")))))	USPAT	OR	OFF	2006/05/05 11:41

## EAST Search History

S45	14	423/648.1-658.3.ccls. and (((germanium or "Ge") same ((potassium or "K") or (sodium or "Na")))))	USPAT	OR	OFF	2006/05/05 11:52
S46	53	(fuel with cell) and (((germanium or "Ge") same ((potassium or "K") or (sodium or "Na")))))	USPAT	OR	OFF	2006/05/05 11:52
S47	18	(lithium with germanium) same (hydrogen with (mak\$4 or produc\$4 or obtain\$4 or yield\$4))	USPAT	OR	OFF	2006/05/09 12:16
S48	363	(lithium with germanium) and (hydrogen with (mak\$4 or produc\$4 or obtain\$4 or yield\$4))	USPAT	OR	OFF	2006/05/09 12:16
S49	7	"6030724"	USPAT	OR	OFF	2006/05/30 13:02
S50	29298	((potassium or "K") or (sodium or "Na")) with (silicon or "Si")	USPAT	OR	OFF	2006/05/30 13:16
S51	103484	((potassium or "K") or (sodium or "Na")) with (silicon or "Si")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/30 13:21
S52	26904	((potassium or "K") or (sodium or "Na")) with (silicon or "Si") and hydrogen	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/30 13:22
S53	10415	((potassium or "K") or (sodium or "Na")) with (silicon or "Si") and (hydrogen with (produc\$4 or obtain\$4 or stor\$4 or yield\$4 or generat\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/30 13:35
S54	3716	((potassium or "K") or (sodium or "Na")) with (silicon or "Si") and "423"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/30 13:36
S55	2040	((potassium or "K") or (sodium or "Na")) with (silicon or "Si") and "423"/\$.ccls. and hydrogen	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/30 14:17
S56	981	((potassium or "K") ) with (silicon or "Si") and "423"/\$.ccls. and hydrogen	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/30 16:17
S57	546	((potassium or "K") ) with (silicon or "Si") and "423"/\$.ccls. and hydrogen with (stor\$4 or produc\$4 or obtain\$4 or procur\$4 or generat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/30 17:02

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S58	132	((potassium or "K") ) near3 (silicon or "Si") and "423"/\$.ccls. and hydrogen with (stor\$4 or produc\$4 or obtain\$4 or procur\$4 or generat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/31 11:14
S59	52016	((aluminum or "Al") or (calcium or "Ca")) with (boron or "B") and (hydrogen with (stor\$4 or produc\$4 or recover\$4 or obtain\$4 or yield\$4 or procur\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/31 10:30
S60	52016	((aluminum or "Al") or (calcium or "Ca")) with (boron or "B")) and (hydrogen with (stor\$4 or produc\$4 or recover\$4 or obtain\$4 or yield\$4 or procur\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/31 10:31
S61	8790	((aluminum or "Al") or (calcium or "Ca")) with (boron or "B")) same (hydrogen with (stor\$4 or produc\$4 or recover\$4 or obtain\$4 or yield\$4 or procur\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/31 10:31
S62	863	((aluminum or "Al") or (calcium or "Ca")) with (boron or "B")) same (hydrogen with (stor\$4 or produc\$4 or recover\$4 or obtain\$4 or yield\$4 or procur\$4)) and "423"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/31 10:32
S63	351	((aluminum or "Al") or (calcium or "Ca")) near4 (boron or "B")) same (hydrogen with (stor\$4 or produc\$4 or recover\$4 or obtain\$4 or yield\$4 or procur\$4)) and "423"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/31 13:55
S64	293	((aluminum or "Al") or (calcium or "Ca")) near3 (boron or "B")) same (hydrogen with (stor\$4 or produc\$4 or recover\$4 or obtain\$4 or yield\$4 or procur\$4)) and "423"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/31 11:12
S65	1	((aluminum or "Al") or (calcium or "Ca")) near3 (boron or "B")) same (hydrogen with (stor\$4 or produc\$4 or recover\$4 or obtain\$4 or yield\$4 or procur\$4)) and 420/578,400.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/31 11:13
S66	39	((aluminum or "Al") or (calcium or "Ca")) near3 (boron or "B")) and 420/578,400.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/31 11:13
S67	2	((potassium or "K") ) near3 (silicon or "Si") and "423"/\$.ccls. and 420/578,400.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/31 11:14

## EAST Search History

S68	7	((potassium or "K") or (sodium or "Na") ) near3 (silicon or "Si") and "423"/\$.ccls. and 420/578,400.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/31 11:15
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